

Attorney Docket No.: 023439

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Huang et al.                      Group Art Unit:  
Serial No.: 10/667,238                      Examiner:  
For: PAPERS HAVING BORATE-BASED COMPLEXING AND METHOD OF  
MAKING SAME  
Filed: September 17, 2002

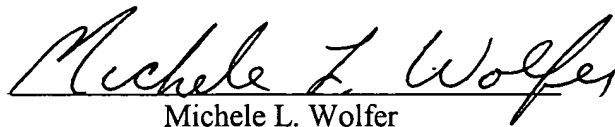
**CERTIFICATE OF MAILING**

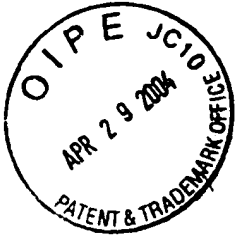
Mail Stop Patent Application  
Commissioner of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the documents listed below are being deposited with the United States Postal Service in an envelope addressed to: Mail Stop Patent Application, Commissioner of Patents and Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450, on April 26, 2004.

1. Information Disclosure Statement
2. Form PTO 1449
3. International Search Report
4. Patents: GB 2137 613 A; XP 002266048; EP 0 148 647 A1;
5. Fee Transmittal
6. Postcard

  
Michele L. Wolfer



Attorney Docket No. IP-023439

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Huang et al.

Serial No.: 10/667,238

Group Art Unit:

Filed: September 17, 2002

Examiner:

For: PAPERS HAVING BORATE-BASED COMPLEXING AND METHOD OF MAKING SAME

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97(b)(1)

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

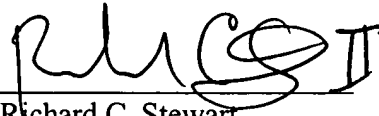
In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the following documents which the Examiner may deem relevant to patentability of the claims of the above-identified application. This Information Disclosure Statement is filed within three (3) months of the filing date of this application. Therefore, the Information Disclosure Statement should be considered and made of record by the U.S. Patent and Trademark Office pursuant to 37 CFR §1.97 (b)(1).

The submission of the listed documents is not intended as an admission that such documents constitute prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application. Applicants respectfully request that an initialed copy of Form, PTO-1449 be returned in accordance with MPEP §609. If there are any questions or if additional information is required regarding this submission, the Examiner is respectfully requested to contact applicant's attorney at the telephone number listed below.

Respectfully submitted,  
Huang et al.

Date: April 23, 2004

By:

A handwritten signature in black ink, appearing to read 'RCS II', written over a horizontal line.

Richard C. Stewart

Reg. No. 28,047

Attorney for Applicant(s)

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PTO/SB/08B (10-96)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>Substitute for form 1449B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/667,238		
		Filing Date	September 17, 2002		
		First Named Inventor	Yan C. Huang		
		Group Art Unit			
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	IP-023439

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Database WPI, Section Ch, Week 200338, Derwent Publications Ltd., London, GB; Class A11, AN 2003-397136 XP002266048 & JP 2002 266285 A (Unichika Chem KK), 18 September 2002 (2002-09-18) abstract	
		Database WPI, Section Ch, Week 199615 Derwent Publications Ltd., London, GB; Class A81, An 1996-150171 XP002266049	
		Database WPI, Section Ch, Week 199412 Derwent Publications Ltd., London, GB; Class A14, AN 1994-097406 XP002266050 & JP 06 047826 A (Kaihatsu Board KK), 22 February 1994 (1994-02-22) abstract	
		Database WPI, Section Ch, Week 200219 Derwent Publications Ltd., London, GB; Class A97, AN 2002-145939 XP002266051 & KR 2001 056 213 A (Korea Security Printing & Minting Corp), 4 July 2001 (2001-07-04) abstract	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 180

## Complete if Known

Application Number	10/667,238
Filing Date	September 17, 2002
First Named Inventor	Yan C. Huang
Examiner Name	
Art Unit	
Attorney Docket No.	IP-023439

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:  
Deposit Account Number: 09-0525  
Deposit Account Name: International Paper

The Commissioner is authorized to: (check all that apply)  
☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ )

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims:  -20\*\* =  X  =   
Independent Claims:  -3\*\* =  X  =   
Multiple Dependent:  =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	
1202 18	2202 9	Claims in excess of 20	
1201 84	2201 42	Independent claims in excess of 3	
1203 280	2203 140	Multiple dependent claim, if not paid	
1204 84	2204 42	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)			(\$ )

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	180
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 180

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Richard C. Stewart II	Registration No. (Attorney/Agent)	28,047	Telephone	513-248-6079
Signature		Date	4/23/04		

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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